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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/630,720	07/31/2003	Seong Ho Kang	YHK-0114	9367
34610	7590 05/19/2006		EXAMINER	
FLESHNER & KIM, LLP			VU, DAVID HUNG	
P.O. BOX 221 CHANTILLY			ART UNIT	PAPER NUMBER
CIMANIBBI	, 11 20133		2828	
			DATE MAILED: 05/19/2006	

Please find below and/or attached an Office communication concerning this application or proceeding.

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	Application No.	Applicant(s)	
	10/630,720	KANG ET AL.	
Office Action Summary	Examiner	Art Unit	
	David Vu	2828	
The MAILING DATE of this communication a Period for Reply	ppears on the cover sheet	vith the correspondence addres	ss
A SHORTENED STATUTORY PERIOD FOR REF WHICHEVER IS LONGER, FROM THE MAILING - Extensions of time may be available under the provisions of 37 CFR after SIX (6) MONTHS from the mailing date of this communication If NO period for reply is specified above, the maximum statutory period	DATE OF THIS COMMUN 1.136(a). In no event, however, may a	ICATION. a reply be timely filed	
 Failure to reply within the set or extended period for reply will, by stat Any reply received by the Office later than three months after the ma earned patent term adjustment. See 37 CFR 1.704(b). 			
Status			
 1) ⊠ Responsive to communication(s) filed on 27 2a) ☐ This action is FINAL. 2b) ⊠ The 3 ☐ Since this application is in condition for allow closed in accordance with the practice under the practice of the condition is in condition. 	nis action is non-final. vance except for formal ma	·	erits is
Disposition of Claims			
4) ☐ Claim(s) 1-10,12-21,23,25-28,30-32 and 66-4a) Of the above claim(s) is/are withd 5) ☐ Claim(s) 1-10,12-21,23,25-27 is/are allowed 6) ☐ Claim(s) 28, 30-32, 66-71 is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and	rawn from consideration.	plication.	
Application Papers			
9) The specification is objected to by the Exami 10) The drawing(s) filed on is/are: a) a Applicant may not request that any objection to the Replacement drawing sheet(s) including the correction. 11) The oath or declaration is objected to by the	ccepted or b) objected to ne drawing(s) be held in abeya ection is required if the drawin	ance. See 37 CFR 1.85(a). g(s) is objected to. See 37 CFR 1	
,	Examiner. Note the attach	ou office Addon of John 1 10-1	102.
Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority docume 2. Certified copies of the priority docume 3. Copies of the certified copies of the priority docume application from the International Bure * See the attached detailed Office action for a lie	ents have been received. ents have been received in riority documents have bee eau (PCT Rule 17.2(a)).	Application No n received in this National Sta	ge
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/0 Paper No(s)/Mail Date 12/22/05.	Paper No	Summary (PTO-413) o(s)/Mail Date Informal Patent Application (PTO-152	2)

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DETAILED ACTION

Specification

1. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.
- 3. Claims 28, 30-32, and 66-70 are rejected under 35 U.S.C. 102(e) as being anticipated by Kanazawa, US 2002/0105278 (of record).

Kanazawa discloses a plasma display method comprising applying first and second sustain pulses (asymmetric or symmetric) to first and second row electrodes X,Y wherein a rising edge of the first pulses are shorter or longer than a rising edge of second sustain pulses, see, for example, figures 1-4, 7-13, and 15A-E, paragraphs, [0039], [0042]-[0049],[0049].

Regarding claims 31-32, first pulses are applied to scan electrodes and second pulses to sustain electrodes. The pulses are applied during a sustain period.

Regarding claims 66-67, at least figure 10 shows rising edge of second pulse has a steeper slope than that of the first pulse. The pulses are asymmetric in width.

Regarding claim 68, width of the first pulse is shorter or longer than that of the second pulse.

Regarding claim 69, the second potential is maintained for a prescribed period of time after the rising edge wherein a rising edge of the first pulse is shorter than that of the second pulse.

Regarding claim 70, a time period for the rising edge of the first pulse is shorter than that of the second pulse.

Claim Rejections - 35 USC § 103

- 4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 5. Claim 71 is rejected under 35 U.S.C. 103(a) as being unpatentable over Nakazawa.

Nakazawa as discussed from the above, essentially discloses the claimed invention including scan and sustain electrodes X,Y arranged in parallel on first substrate, address electrodes 3 arranged in perpendicular to X and Y electrodes on second substrate, and cells at intersection of address, scan, and sustain electrodes. Nakazawa does not explicitly disclose barrier ribs. However, barrier ribs are very well known in the display art. It would been obvious to one having ordinary skill in the art at

the time of applicant's claimed invention was made to have selected to have employed barrier ribs; thus, brightness enhancement would have been realized.

Allowable Subject Matter

6. Claims 1-10, 12-21, 23, and 25-27 are allowed.

Response to Arguments

7. Applicant's arguments, filed 2/27/2006 have been fully considered and are persuasive. However, upon further consideration, a new ground(s) of rejection is made in view of Kanazawa, US Pub No 2002/0105278.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David Vu whose telephone number is (571) 272-1831. The examiner can normally be reached on M-F 8am-430pm.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

David Vu

Primary Examiner

Art Unit 2828

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